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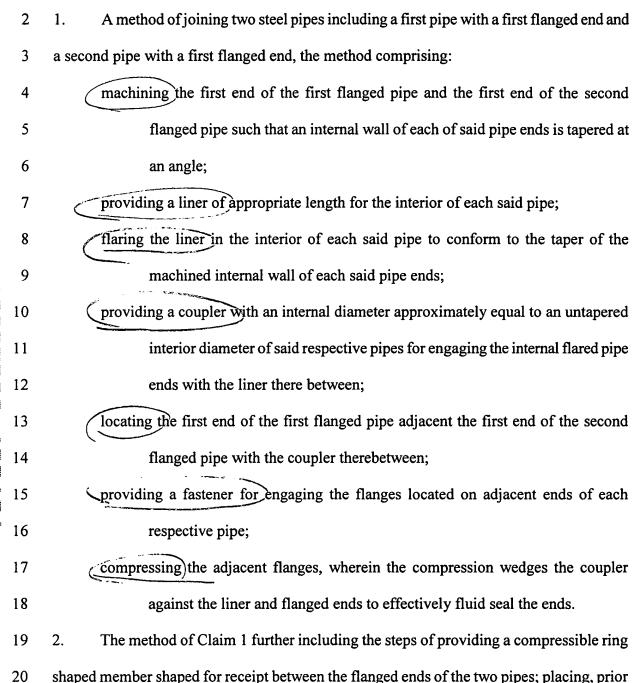
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shaped member.

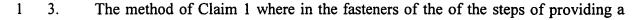
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I claim:



to the compressing step, the compressible member between the two flanged ends; and

wherein the compressing step further includes the step of compressing the compressible ring



- 2 fastener include a multiplicity of nut and bolt combinations for engaging adjacent bolt holes
- 3 of adjacent flared ends.
- 4 4. The method of Claim 1 further including the steps of providing a compressible
- 5 member shape for receipt between the flanged ends of the two pipes; wherein the fasteners
- 6 of the step of providing a fastener include a multiplicity of nut and bolt combinations for
- 7 engaging the adjacent bolt holes of adjacent flared ends; placing, prior to the compressing
- 8 step the compressible member between the two flanged ends; and wherein the compressing
- 9 step includes the step of incrementently rotating the nuts with respect to the bolts of the nut
- and bolt combinations to incrementently compress and wedge the coupler against the liner
- and further to incrementently compress the compressible member between flanged ends.
- 12 5. In combination with a pipe joint, the pipe joint for joining a first end of a first pipe
- 13 with a first end of a second pipe, the two first ends each having a flange and a tapered inner
- 14 surface;
- a cylindrical coupler with milled surfaces for mating with the tapered surfaces of the
- two ends; and
- fasteners for cooperating with flanges to tighten the joint to wedge the coupler
- thereinto, to effect a fluid tight seal to the joint.
- 19 6. The combination of Claim 5 wherein the milled surfaces of the cylindrical coupler
- are between 5° and 45°.
- 21 7. The combination of Claim 5 wherein the cylindrical coupler is made of steel.
- 22 8. The combination of Claim 5 wherein the cylindrical coupler includes alignment
- 23 means for assisting in the alignment of the coupler with the ends of the two pipes.

- 1 9. The combination of Claim 5 further including a compressible member, for
- 2 engagement of and compression between the ends of the two pipes.
- 3 10. The combination of Claim 5 wherein the fasteners include a multiplicity of nut and
- 4 bolt combinations.
- 5 11. The combination of Claim 5 further comprising two liner sections dimensioned for
- 6 receipt into the two ends of the two pipes, the liners including flared portions for matching
- 7 the milled surfaces of the inner surfaces of the ends of the pipes.
- 8 12. The combination of Claim 11 where the milled surface the cylindrical coupler are
- 9 between 5° and 45°.
- 10 13. The combination of Claim 11 wherein the cylindrical coupler is made of one of steel.
- 11 14. The combination of Claim 11 wherein the cylindrical coupler includes alignment
- means for assisting in the alignment of the coupler with the ends of the two pipes.
- 13 15. The combination of Claim 11 further including a compressible member, for
- engagement of and compression between the ends of the two pipes.
- 15 16. The combination of Claim 5 wherein the compressible member is ring shaped.
- 16 17. The combination of Claim 16 wherein the compressible member is made of copper.
- 17 18. The combination of Claim 15 wherein the compressible member is ring shaped.
- 18 19. The combination of Claim 18 wherein the compressible member is ring shaped.

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